



#11/D

SEQUENCE LISTING

<110> Rabbani, Elazar
Stavrianopoulos, Jannis G.
Donegan, James J.
Liu, Dakai
Kelker, Norman E.
Engelhardt, Dean L.

<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53(C) Sequence.073099

<140> 08/978,632

<141> 1997-11-25

<150> 08/574,443

<151> 1995-12-15

<160> 51

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

<212> PRT

<213> Influenza virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 1

Gly Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp Glu Gly
1 5 10 15

Met Ile Ala Gly
20

<210> 2

<211> 20

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 2
tgctctctaa gggcttactc

20

<210> 3
<211> 15
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 3
ctctaaggta aatat

15

<210> 4
<211> 16
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 4
tgtatttttag attcaa

16

<210> 5
<211> 19
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 5
tgctctctaa ggtaaatat

19

<210> 6
<211> 19
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 6
tgtatttttag ggtctactc

19

<210> 7

<211> 19
<212> RNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 7
ugcucucuaa gguaaaauau

19

<210> 8
<211> 19
<212> RNA
<213> Bacteriophage T7

<220>
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<400> 8
uguauuuuag ggucuacuc

19

<210> 9
<211> 20
<212> RNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 9
ugcucucuaa gggucuacuc

20

<210> 10
<211> 49
<212> DNA
<213> Bacteriophage T7

<220>
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<400> 10
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgc

49

<210> 11
<211> 55
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 11
gactagtgg tctcgtctct ttttggagg agtgtcggtc ttagcgatgt taatc 55

<210> 12
<211> 46
<212> DNA
<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

<400> 12
ggaattcgtc tcggagaaag gtaaaattct ctgacatcga actggc 46

<210> 13
<211> 33
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 13
gactagtggc ctccccttag agagcatgtc agc 33

<210> 14
<211> 33
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 14
ggaattcggc ctcggttcta ctcggtggcg agg 33

<210> 15
<211> 27
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 15

gactagtcgt tacgcgaacg caaagtc

<210> 16

<211> 36

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 16

36

ggaattcgtc tctaaggtaa atataaaatt tttaag

<210> 17

<211> 40

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 17

40

gactagtcgt ctctgaccct aaaatacaca aacaattaga

<210> 18

<211> 92

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 18

ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60

92

ctcctccaaa aaagagacga gaccaactag tc

<210> 19

<211> 92

<212> DNA

<213> Bacteriophage T7

<400> 19

gactagtgg gctcgctctt tttttggagg aggggcgttc ttagcgatgt taatcgtgctc 60

92

catggtggta tgcagagctc gagacgaatt cc

<210> 20

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:OLIGO

<400> 20
ggaattcgtc gcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaa 73

<210> 21

<211> 77

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 21
tctctttttt ggaggagtgt cgttcttagc gatgttaatc gtgtccatgg tggtatgcag 60
agctcgagac gaattcc 77

<210> 22

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial SequenceOLIGO

<400> 22
ggaattcgtc tcg 13

<210> 23

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:OLIGO

<400> 23
gagaaaggta aaattctctg acatcgaact ggc 33

<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

<220>
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<400> 24
ccttaagcag agcctct

17

<210> 25
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: OLIGO

<400> 25
ttccatttta agagactgta gcttgaccg

29

<210> 26
<211> 106
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:OLGIO

<400> 26
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaagagaaag gtaaaattct ctgacatcga actggc 106

<210> 27
<211> 106
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:OLIGO

<400> 27
gccagttcga tgtcagagaa ttttaccttt ctcttttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccatggt ggtagtcaga gctcgagacg aattcc 106

<210> 28
<211> 50
<212> DNA
<213> Bacteriophage T7

<220>
<223> Description of Artificial Sequence:peptide

<400> 28
atggacacga ttaacatcgc taagaacgac ttctctgaca tcgaactggc 50

<210> 29
<211> 50
<212> DNA
<213> Bacteriophage T7

<400> 29
gccagttcga tgtcagagaa gtcgttctta gcgatgttaa tcgtgtccat 50

<210> 30
<211> 77
<212> DNA
<213> Human immunodeficiency virus

<220>
<223> Description of Artificial Sequence:peptide

<400> 30
atggacacga ttaacatcgc taagaacgac actcctccaa aaaagagaaa ggtaaaattc 60
tctgacatcg aactggc 77

<210> 31
<211> 77
<212> DNA
<213> Bacteriophage T7

<400> 31
gccagttcga tgtcagagaa ttttaccttt ctcttttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccat 77

<210> 32
<211> 69
<212> DNA
<213> Human immunodeficiency virus

<220>
<223> Description of Artificial Sequence:peptide

<400> 32
gatcattaga ccagatctga gcctgggagc tctctggcta actaggggaac ccaactgctta 60
agcctcaag 69

<210> 33
<211> 69
<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 33
gatccttgag gcttaagcag tgggttcct agttagccag agagctcca ggctcagatc 60
tggtctaata 69

<210> 34

<211> 61

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 34
gatcacctta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
g 61

<210> 35

<211> 61

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 35
gatccttgag gaggtcttcg tcgctgtctc cgcttcttcc tgccatagga gagcctaagg 60
t 61

<210> 36

<211> 62

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 36
gatcatagt aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60
ag 62

<210> 37

<211> 62

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 37
gatcctggga ggtgggtctg aaacgataat ggtgagtatc cctgcctaac tctattcact 60
at 62

<210> 38

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 38
aatctagagc taacaaagcc cgaaaggaag

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<210> 39

<211> 28

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 39
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28

<210> 40

<211> 70

<212> DNA

<213> Artificial Sequence

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<400> 40
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atgcagatct 70

<210> 41

<211> 70

<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 41
ctagagatct gcatttaact agtatcgatg ggcccgctag ctccggacgt acggatcctt 60
aagccatggc 70

<210> 42
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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<400> 42
catgaaatta attcgactca ctatacggg 29

<210> 43
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 43
tttaattaag ctgagtata tgcctctag 29

<210> 44
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 44
gatccggatt gaggtttaag cagtgggttc cctagttagc cagagagctc ccaggctcag 60
atctggtcta at 72

<210> 45
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 45
ccggattaga ccagatctga gcctgggagc tctctggcta actaggaac ccactgctta 60
agcctcaatc cg 72

<210> 46
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 46
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taaggt 66

<210> 47
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 47
ccggaccta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
ggtccg 66

<210> 48
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 48
gatccggatg ggaggtgggt ctgaaacgat aatggtgagt atccctgcct aactctattc 60
actat 65

<210> 49
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 49
ccggatagtg aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60
atccg 65

<210> 50
<211> 67
<212> DNA
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<220>
<223> Description of Artificial Sequence:oligo

<400> 50
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gtattat 67

<210> 51
<211> 67
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:peptide

<400> 51
ccggataata cgactcacta tagggcgagc tcggtacccg ggtctagagt cgacctgcag 60
gcatgct 67